

Abstract

In one embodiment, there is a method for storing fluids in a bag that has an inner lining that is essentially sterilized and essentially free of pyrogen. The method comprises heating the bag that is comprised of a polymeric film to at least approximately 253°

- 5 Celsius. The polymeric film includes a polymer selected from the group of poly(oxy-1,4-phenylene-oxy-1,4-phenylene-carbonyl-1,4-phenylene) (PEEK); polytetrafluoroethylene (PTFE); a perfluoroalkoxy (PFA) polymer; poly(tetrafluoroethylene-*co*- perfluoromethyl vinyl ether) (MFA); polyperfluoro(ethylene-*co*-propylene) (FEP); poly(ethylene-*alt*-chlorotrifluoroethylene) (ECTFE); poly(ethylene-*co*-tetrafluoroethylene) (ETFE);
- 10 poly(vinylidene fluoride) (PDVF); tetrafluoroethylene-*co*-hexafluoropropylene-*co*-vinylidene fluoride terpolymer (THV); ultra-high molecular weight polyethylene (UHMW PE); (poly(bisphenol A-*co*-4-nitrophthalic anhydride-*co*-1,3-phenylenediamine) (PEI); poly(4-methyl-1-pentene) (PMP); and suitable mixtures thereof.